



Lake _____ Date/Time: _____

Volunteer(s) _____

Staff Use Only

Entered ☐

Verified ☐

WEATHER CONDITIONS

Air Temperature _____ °C

Water Temperature (~6 inches deep) _____ °C

Percent Cloud Cover

☐ 0% ☐ 10% ☐ 25% ☐ 50% ☐ 75% ☐ 90% ☐ 100%

Rain within last 2 days

☐ none ☐ slight ☐ moderate ☐ heavy

Current Wind Conditions

☐ calm ☐ light ☐ breezy ☐ strong
(ripples) (small waves) (white caps)

WATER CLARITY

Secchi Disk

Repeat until readings are within 0.1 meter

1st Secchi Reading _____ meters

2nd Secchi Reading _____ meters

*Did Secchi disk: ☐ hit bottom? ☐ enter weeds?
(leave blank if neither)

ALGAE

Heavy Algae in Water? ☐ Yes ☐ No

(Use Secchi disk to assess 6-12 inches below surface)

Filamentous Algae Observed? ☐ Yes ☐ No

(Mats of stringy algae - does not dissipate if disturbed)

Algae Scum Observed? ☐ Yes ☐ No

(Looks like paint floating on surface - dissipates if disturbed)

Scum Type: ☐ small clumps ☐ light film ☐ thick scum

Sample Taken: ☐ Yes ☐ No Location: _____

WATER COLOR

Water Color

(Lower disk to 1/2 of today's Secchi depth to identify color)

Intensity: ☐ light ☐ moderate ☐ dark

Tint: ☐ green ☐ brown ☐ red ☐ orange

☐ yellow ☐ green/yellow ☐ green/brown

☐ yellow/brown ☐ other _____

WATER SAMPLES

Water Samples Collected: ☐ Yes ☐ No

Samples Collected & Labeled:

☐ TP /TPN (1 meter) ☐ TP (1 meter from bottom)

☐ Chlorophyll a (1 meter - public lakes)

Odor in Bottom Sample? (rotten egg) ☐ Yes ☐ No

OTHER OBSERVATIONS

Lake Level: _____ inches or feet (circle one)

(taken from fixed point at shoreline)

of Waterfowl: ducks: _____ geese: _____

other: _____ type(s): _____

Recreational Lake Usage:

of boats: _____ # of people fishing: _____

of swimmers/waders: _____

Recreational Suitability:

☐ 1- beautiful could not be nicer

☐ 2 - minor aesthetic concerns - still good for swimming/boating

☐ 3 - swimming, boating & aesthetic enjoyment slightly impaired

☐ 4 - swimming, boating & aesthetic enjoyment substantially impaired (would not swim, but boating ok)

☐ 5 - swimming boating & aesthetic enjoyment are severely limited (would not swim or boat in lake)

COMMENTS

(Provide additional comments for aquatic plants, odors, wildlife, pollution, equipment issues, etc. - continued on back)



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Verified ☐

DISSOLVED OXYGEN MONITORING - LAKE PROFILES

Depth (m)	Temp (°C)	DO (mg/L)	DO%
Surface			
0.5			
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
12			
14			
16			
18			
20			
Duplicate* ____(m)			

*Repeat measurement at one depth to verify instrument precision - should be taken at depth near lake surface or bottom

Advanced Monitoring Information:

Lake Depth: _____ meters
(depth at which probe hits lake bottom)

Instrument Name:

Instrument Comments:
(describe any problems experienced etc.)

Other Comments (continued from page 1):
